



SP 131 Instruction Manual

Congratulations on purchasing the Acoustic Solutions' SP131 Hi Fi Turntable. We trust that this product will give you hours of listening pleasure, and provide years of unparalleled performance. As with any new electrical product please be patient and allow at least 36 hours use before all components have acclimatised themselves with your surroundings, and found their optimum working temperature.

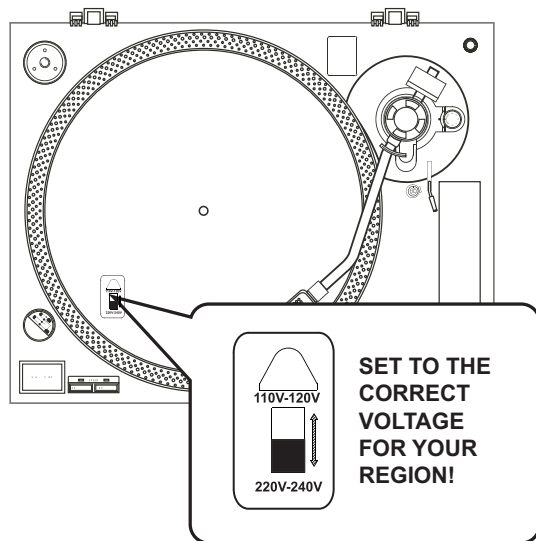
Please read this manual fully to familiarise yourself with the operating controls before operating the unit. Please also preserve all packaging until you are totally happy with the unit. You will need to return the unit with its packaging to your dealer if any fault occurs.

If you find any difficulties or problems operating the SP131 please don't hesitate to call the Acoustic Solutions' Helpline on **+44 (0) 1327 340601**. This helpline is manned from **9:00am to 1:00pm** and **2:00pm to 4:30pm** (GMT) **Monday to Friday**.

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BEFORE USE



LINE VOLTAGE SELECTION

The desired voltage may be set with the VOLTAGE SELECTOR switch on the chassis, using a screwdriver. Do not twist the VOLTAGE SELECTOR switch with excessive force as this may cause damage. If the VOLTAGE SELECTOR switch does not move smoothly, please contact a qualified service centre.

FOR SAFE AND EFFECTIVE OPERATION

A few points to note before you start setting up the SP131 Turntable:

1. Do not connect the AC power plug before the assembly has been completed.
2. Read this manual carefully before using the unit and be sure to store the manual in a safe place for future reference.
3. Select the installation location of your unit carefully. Avoid placing it in direct sunlight, or in areas of vibration, excessive dust, heat, cold or moisture. Keep away from sources of hum, such as transformers or motors.
4. Do not use the system where there are extreme temperatures (below 5°C or exceeding 35°C).
5. Be sure your hands are clean when handling vinyl (Never use a cracked or warped disc).
6. When disconnecting the power cord from the AC outlet always grasp the plug, never pull the cord.
7. Do not use force when operating the switches and buttons.
8. Before moving the unit, be sure to disconnect the power cord and all connecting cables.
9. Do not attempt to clean the unit with chemical solvents as this might damage the surface, simply use a clean, dry cloth.
10. If the unit malfunctions, do not open the cabinet and attempt to repair yourself as this might result in damage to the unit, or electrical shock. Always request services at an authorised service agent.

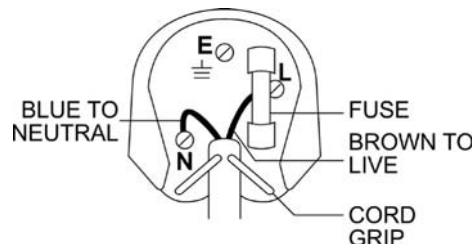
SAFETY INSTRUCTIONS

UK PLUG DETAILS

For your convenience a mains plug with a fuse has been fitted to this appliance. For your safety please observe the following information.

1. Should the fuse fail in the plug remove the plug from the wall socket and replace the fuse with a 3 Amp ASTA approved BS1 362 fuse.
 2. Never use the plug without the fuse cover fitted. Replacement fuse covers are available from your dealer.
 3. If the mains plug is cut off from the cable, rewire the replacement plug in accordance with the instructions given in this manual.
- The wire which is coloured blue or black must be connected to the terminal with the letter N or coloured black
 - The wire which is coloured brown or red must be connected to the terminal which is marked with the letter 'L' or coloured red. Only a 3 Amp fuse should be fitted in the plug, or a 5 Amp fuse at the distribution board.
4. **CAUTION:** Under no circumstances should the discarded plug be inserted into a mains socket. To prevent a shock hazard, carefully dispose of the discarded plug. Do not leave the plug lying around where children might find it.

CAUTION: DANGEROUS VOLTAGES EXIST INSIDE THIS UNIT. DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL. DISCONNECT FROM MAINS SUPPLY WHEN NOT IN USE.

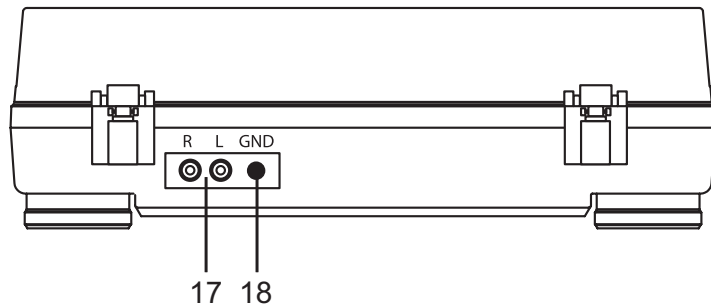
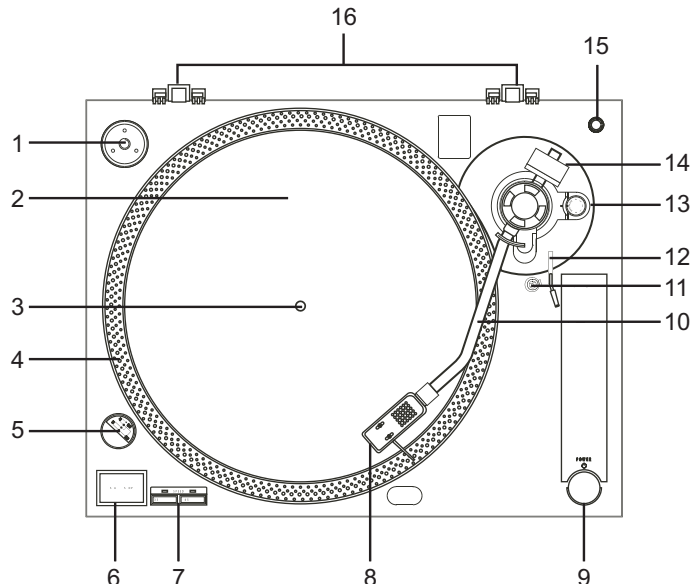


UK mains plug fitted with 3 Amp fuse

WARNING: UNDER NO CIRCUMSTANCES MUST THE LIVE OR NEUTRAL WIRES BE CONNECTED TO THE EARTH TERMINAL IN A 3-PIN MAINS PLUG.

FEATURES

- 1. Large spindle adaptor.** For use with records (vinyl) that have a large aperture.
- 2. Platter mat.** Gives protection between the record and the platter.
- 3. Centre spindle.** For locating the centre of the record.
- 4. Strobe dots.** Indication of the speed of the platter via strobe light (5).
- 5. Strobe light.**
- 6. Start/stop button.** For starting and stopping the platter spinning.
- 7. Speed select button.** Change the speed of the platter between 33 $\frac{1}{3}$ and 45 RPM.
- 8. Headshell.** Holds cartridge at end of the tonearm.
- 9. Power button.** Depress button to turn on turntable, press again to turn off.
- 10. Tonearm.** For exact placement of the headshell onto the record.
- 11. Tonearm rest.** For resting the tonearm when not in use, also has a lock to secure the tonearm when not using the turntable.
- 12. Cueing lever.** For moving the tonearm vertically up or down.
- 13. Anti-skate knob.** To balance the sideways movement of the tonearm in relation to the tracking weight. (See page 6 point 3).
- 14. Counterweight.** Allowing the correct tracking weight to be exerted on the stylus (See page 6 point 3).
- 15. Headshell holder.** Used when changing stylus or cartridges to locate the headshell in position for ease and protection.
- 16. Lid hinge.** When the turntable is not in use place lid on these hinges, lid can be raised or lowered.
- 17. Stereo phono outputs.** For connecting to PHONO input on amplifier/DJ mixer.
- 18. GND connection.** Connects to the terminal earth connection on the rear of your DJ mixer or amplifier. If not connected you will hear an audible buzz coming from your speakers.



SP 131 SETUP

I. ATTACH THE BELT

Turning the platter over, connect the belt to the turntable drive. Place the platter on the spindle and spin the platter until the belt position holes (the two larger holes nearest to the belt) are showing the motor drive shaft in the top right corner. When this is exposed, carefully stretch the belt around the shaft, ensuring that the belt does not twist. The platter should still spin freely, but with slightly more resistance than before.

2. ATTACH HEADSHELL.

From the accessory pack, which is stored in the packaging, remove the complete headshell including cartridge and stylus, and place onto the tonearm. This is a two handed operation, one to hold the headshell and the other to hold the tonearm locknut. As you insert the headshell into the end of the tonearm, twist the locknut anticlockwise and you will feel the headshell being drawn into the locknut, take care not to over-tighten as this will cause damage to the headshell.

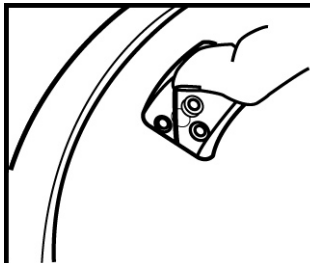
3. ATTACHING THE COUNTER WEIGHT.

Remove the stylus protector, do not touch the stylus tip during the adjustment, and set the cueing lever to the lower position. Release the arm clamp and lift the tonearm from the arm rest to free it. Rotate the counterweight until the tonearm is approximately balanced horizontally (floats freely). Refasten the tonearm with the arm clamp, hold the counterweight stationary with one hand and rotate only the stylus-pressure ring to bring the number "0" of the ring into alignment with the centre line on the tonearm rear shaft. Rotate the counterweight clockwise until the scale shows the value corresponding to the pressure of the stylus used. The stylus supplied with this system is rated at 3.5 grams. If you use an alternative stylus/headshell arrangement, then please follow the manufacturer's specified tracking weight.

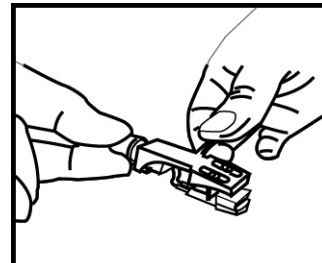
4. ATTACH COVER.

Position the protection cover over the hinges found on the rear of the turntable, click these into position. The cover should now freely close onto the top of the turntable. It is advised that the cover is lowered when not using the turntable.

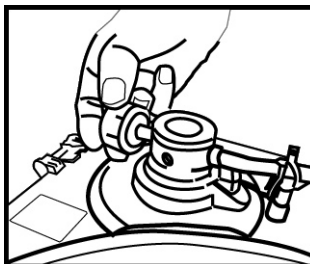
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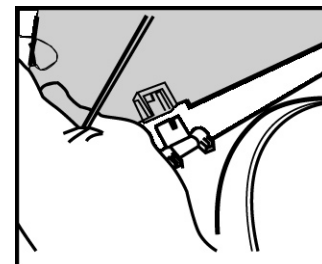
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CONNECTION TO AN AMPLIFIER

Before connecting the SP131 it is advised that you also consult your current equipment instruction manual also as some amplifiers may differ.

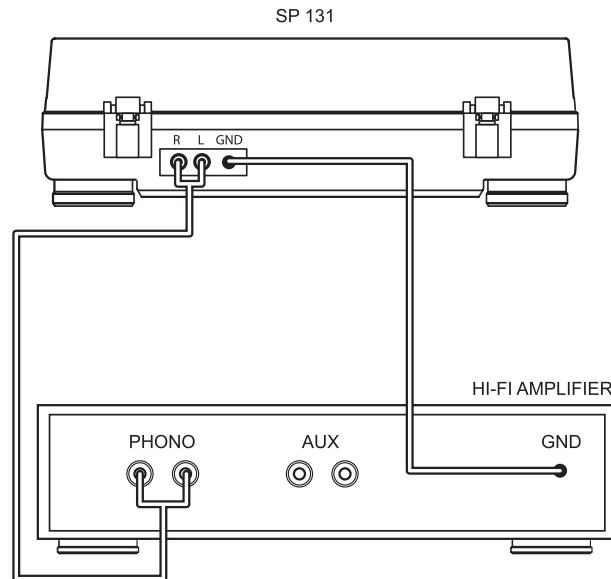
IMPORTANT: When switching your audio equipment on, please follow the following procedure. Always switch on your turntable first, and then the amplifier. When turning off, reverse this procedure.

You can connect the SP131 to any external amplifier which has a stereo phono level input (NOT LINE OR AUX).

GROUND CONNECTION

Your amplifier will have a ground post connector. You need to connect the ground cable (supplied) from the ground post on the rear of the SP131 to the rear of your amplifier.

In the unlikely event that your amplifier does not possess a ground post, it is possible to tighten a case screw to the ground cable on the back of your amplifier.



OPERATING THE SP 131

Once you have connected the SP131 to your amplifier you are ready to begin using the unit.

Firstly switch the SP131 using the POWER BUTTON (page 4, No 9). Next, start the rotation of the turntable using the START/STOP BUTTON (page 4, No 6). You can choose between 33 and 45 rpm rotation speeds using the SPEED SELECT BUTTON (page 4, No 7). You will find the correct RPM speed displayed on the centre label of the record being played.

To begin playing a record you must first lift the TONEARM (page 4, No 11) using the CUEING LEVER (page 4, No 13) and position the stylus over the desired position on the record (FIG 1). You must then use the CUEING LEVER to lower the stylus onto the record.

To stop playing a record use the CUEING LEVER again to lift the stylus off the record and replace the TONEARM (page 4, No 11) onto the TONEARM REST (page 4, No 12). Do not attempt to lift the stylus off the record manually as this can result in damage to the record and stylus.

FIG 1

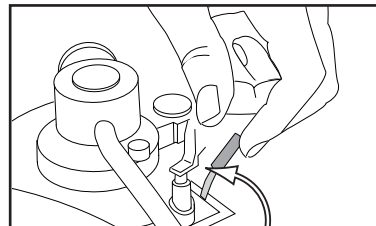
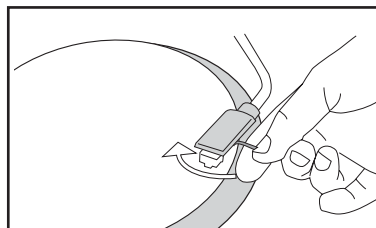


FIG 2



TROUBLE SHOOTING

PROBLEM	POSSIBLE SOLUTION
No power to turntable	<ul style="list-style-type: none">• Check fuse in mains plug• Check to ensure the mains plug is pushed firmly into the wall.• Internal fuse has blown. Ensure the voltage selector switch is set to the correct voltage. If not then the internal fuse may have blown. This will need to be replaced by a qualified service technician.
Record does not play	<ul style="list-style-type: none">• Ensure the drive belt is connected between the turntable platter and motor drive shaft.• Ensure that you have pressed START/STOP and that the turntable is rotating.• Check to ensure that the headshell is located properly on the tonearm, and that the stylus is fastened securely.
Sound to the turntable is distorted	<ul style="list-style-type: none">• Check to ensure that the headshell is located properly on the tonearm, and that the stylus is fastened securely.• Check to ensure that excessive dust/fluff has not accumulated beneath the stylus.• Audio cables between turntable and inputs on or amplifier have become damaged.

SPECIFICATIONS

POWER SUPPLY

AC 115/230V~, 50/60Hz

POWER CONSUMPTION

8 Watts

DIMENSIONS (W x D x H)

450 x 350 x 150 mm

WEIGHT

3.75 Kg

CONTACT DETAILS

We trust you are completely satisfied with this product from Acoustic Solutions Limited, however please feel free to contact us if you experience any difficulties, or if you would like to express your views regarding our products.

PLEASE WRITE TO:

ACOUSTIC SOLUTIONS LIMITED.

GRAND UNION BUILDINGS

54 High Street

Weedon

Northampton

NN7 4QD

United Kingdom

Telephone +44 (0)1327 340601

Fax: +44 (0)1327 342298

www.acousticsolutions.co.uk

email: enquiries@acousticsolutions.co.uk

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